

Complete Summary

TITLE

Diagnosis and treatment of headache: percentage of migraine sufferers with treatment plans for mild, moderate, and severe headaches.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jan. 70 p. [121 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of migraine sufferers with treatment plans for mild, moderate, and severe headaches.

RATIONALE

The priority aim addressed by this measure is to increase the rate of treatment plans or adherence to plan for mild, moderate, and severe headaches for migraine sufferers.

PRIMARY CLINICAL COMPONENT

Migraine; headache; treatment plan (pharmacological treatment; adjunctive therapy)

DENOMINATOR DESCRIPTION

All patients age 12 years and older who had an encounter with the medical group in the past month for migraine headache

NUMERATOR DESCRIPTION

Number of medical records reviewed with any evidence of treatment plans for mild, moderate, and severe headaches to include:

- pharmacological treatment
- adjunctive therapy

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis and treatment of headache.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 12 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Migraine is the most common headache disorder seen by primary care providers.

EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jan. 70 p. [121 references]

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Living with Illness

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Patients age 12 years and older with migraine headache

Each month, a sample of patients with migraine headache seen in the past month is identified. A chart abstraction is conducted to determine whether or not there is any evidence of a documented treatment plan defining medication and adjunctive therapy for treatment of mild, moderate, and severe migraine.

Suggested data collection time frame is monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All patients age 12 years and older who had an encounter with the medical group in the past month for migraine headache

Exclusions

Unspecified

DENOMINATOR (INDEX) EVENT

Clinical Condition

Encounter

DENOMINATOR TIME WINDOW

Time window is a fixed period of time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of medical records reviewed with any evidence of treatment plans for mild, moderate, and severe headaches to include:

- pharmacological treatment
- adjunctive therapy

Exclusions

Unspecified

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of migraine sufferers with treatment plans for mild, moderate, and severe headaches.

MEASURE COLLECTION

[Diagnosis and Treatment of Headache Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Jul

REVISION DATE

2006 Jan

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Nov. 68 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jan. 70 p. [121 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of migraine sufferers with treatment plans for mild, moderate, and severe headaches," is published in "Health Care Guideline: Diagnosis and Treatment of Headache." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

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